

Abstract

Method for Secure Data Transmission in Selling Products

A method is proposed for transmitting product-specific data in a manner
5 protected against imitation by means of one or more information carriers for the
process of purchasing products, whereby in the process the selection of the
products and the delivery thereof is realized in spatially separated zones. The
information carriers are provided as a (paper) document, a transponder, a chip or a
chip card (smart card), wherein self-checking encryption codes which are
10 independent from each other and which are provided on each of said information
carriers ensure a correct product delivery.

Table of Reference Numbers

1	product selection zone
2	counter zone
3	product delivery zone
10	product selection terminal
12	CPU
14	document printer
16	document
20	counter means
22	document reader
24	output device
26	information carrier
28, 28'	CPU
30	product delivery storage
32	reading unit
34	products
40	data transmission path
42	I/O product selection terminal
44	I/O product delivery storage